

10(4)

AUTHOR:

Lebedkina, L.G.

TITLE:

On the Motion of a Tenacious Liquid on a Rotating Sphere
(O dvizhenii vyazkoy zhidkosti na vrashchayushchemsya share)

PERIODICAL:

Izvestiya Akademii nauk ^{Uzbekskoy SSR}, Seriya fiziko-
matematicheskikh nauk, 1959, Nr 2, pp 38-46 (USSR)

ABSTRACT:

The author considers a rigid sphere, the surface of which is covered with a layer of an incompressible liquid. The sphere rotates with a constant angular velocity around a diameter. At the surface of the liquid there act tangential stresses which are symmetrical to the axis of rotation and direct in the direction of the parallel. For the problem formulated in this manner the author determines the components of the vector of velocity of the liquid in the stationary process. The solution is obtained from linearized motion equations. The discussion of the solution yields: The whole liquid layer decomposes into 6 torus-shaped regions, the common axis of which is the spherical diameter and which are arranged symmetrically to the equatorial

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On the Motion of a Tenacious Liquid on a
Rotating Sphere

SOV/166-59-2-5/11

plane. In each region the liquid circulates around a circle
lying perpendicular to the spherical diameter.
There are 4 figures, and 2 non-Soviet references, of which
2 are American.

ASSOCIATION: Institut matematiki i mekhaniki imeni V.I. Romanovskogo AN Uz SSR
(Institute of Mathematics and Mechanics imeni V.I. Romanovskiy
AS Uz.SSR)

SUBMITTED: June 30, 1958

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LEBEDKINA, L.G.

Determination of flows inside a spherical rotating layer of a
viscous liquid from given surface flows. Trudy Mor. gidrofiz.
inst. AN URSR 27:128-150 '63. (MIRA 17:3)

LEBEDKINA, N. S.

Cand Biolog Sci

Dissertation: "Morpho-Functional Analysis of the Skull of Hare and Field
Mouse." 8/3/50

Moscow [Order of Lenin] State U imeni M. V. Lomonosov

SO Vecheryaya Mosk'va
Sum 71

LEBEDKINA, N.S.

Morphological and functional analysis of the masticatory apparatus
in hares [with summary in English]. Zool.zhur. 36 no.10:1539-1556
O '57. (MIRA 10:11)

1. Zoologicheskii institut AN SSSR. (Hares) (Jaws)

LEBEDKINA, N.S.

Development of the parasphenoid bone in caudate amphibians.
Dokl.AN SSSR 133 no.6:1476-1479 Ag '60.
(MIRA 13:8)

1. Zoologicheskii institut Akademii nauk SSSR. Predstavleno
akademikom I.I. Shmal'gauzenom.
(URODELA) (SKULL)

ISEBOKLINA, N.S.

Development of the nasal bones in tailed amphibians. Dokl.
AN SSSR 159 no.1:219-222 N 1964. (MIRA 7:12)

1. Zoologicheskii institut AN SSSR. Predstavleno akademikom
Ye.M. Pavlovskim.

LEBEDKINA, N.S.

Development of dermal bones of the basement of the skull in tailed
amphibians of the family Hynobiidae. Trudy Zool.
inst. 33:75-172 '64. (MIRA 17:7)

VERESHCHETIN, Vladlen Stepanovich; LEBEDKINA, Yelizaveta Dmitriyevna;
GLAZUNOVA, N.V., red.; ROMANOVA, N.I., tekhn. red.

[International Council of Scientific Unions] Mezhdunarodnyi so-
vet nauchnykh soluzov (MSNS). S predisl. V.A. Engel'gardta. Mo-
skva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 125 p.
(MIRA 16:2)

(International Council of Scientific Unions)

NIKOLAYEV, Georgiy Alekseyevich; PETRUNIN, Rudolf Valentinovich;
YAREMENKO, Yakov Danilovich; LEBEDKINA, Zoya Stepanovna;
KOVERDA, Pavel Trofimovich; SERGEYEV, Yu.D., red.;
KUDRYAVITSKAYA, A.A., tekhn. red.

[Work of volunteer constructor offices in introducing inventions] Rabota obshchestvennykh konstruktorskikh biuro po vnedreniiu izobretenii. Moskva, TSentr. biuro tekhn. informatsii, 1962. 38 p. (MIRA 17:4)

SLAVNIN, N.I., polkovnik meditsinskoy sluzhby; VERKHOLOMOV, Ye.Ye., kand. med. nauk, podpolkovnik meditsinskoy sluzhby; LEBED'KO, G.I., polkovnik meditsinskoy sluzhby; KELLER, A.A., ~~major meditsinskoy~~ sluzhby; GAL'PERIN, Ya.L., podpolkovnik meditsinskoy sluzhby.
Epidemiology of Salmonella heidelberg infection. Voen. med. zhur. no.4:20-23 Ap '59. (MIRA 12:8)
(SALMONELLA INFECTIONS,
heidelberg, food pois, (Rus))

LEBED'KO, G.I.; UEKOV, M.V.

Structure and composition of the basement in the south-western
slope of the Voronezh anticline. Dokl. AN SSSR 164 no.4:877-
880 0 1965. (MIRA 18:10)

1. Rostovskiy na-Donu gosudarstvennyy universitet. Submitted
February 2, 1965.

LEBED'KOV, A. A.

Jun 50

USSR/Metals - Steel Making, Equipment

"Some Measures for Increasing the Endurance of Open-Hearth Furnaces and Improving Their Utilization," P. P. Budinikov, Corr Mem Acad Sci USSR, D. P. Bogatskiy, A. A. Lebed'kov, Ya. L. Rozenblit

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 6, pp 901-913

Reviews recent problems of high-refractory materials for steel-making furnaces, with substantiated suggestions on applying these materials. Confirms expediency of constructing suspended basic roofs in open-hearth furnaces. Suggests solutions to problems of producing refractory materials. Submitted 3 Feb 51.

168T52

LEBED'KOV, A.A., inzhener; YATSUNSKAYA, O.I., kandidat tekhnicheskikh nauk

The use of chamfer molds in bottom casting. Stal' 15 no.6:520-522
Je '55. (MIRA 8:8)

1. Zavod "Serp i molot" (Founding)

LEBED'KOV, A.A.

133-7-5/28

AUTHOR: Zhetvin, M.P., Candidate of Technical Sciences, Lebed'kov, A.A., Tunkov, V.P. and Zaytseva, A.D., Engineers.

TITLE: Raising the Yield of Metal by Using Hot Ingot Tops (Povysheniye vykhoda godnogo putem obogreva pribyl'noy chasti slitka)

PERIODICAL: Stal', 1957, no.7, pp. 587 - 592 (USSR)

ABSTRACT: Investigations carried out on the "Serp i Molot" Works on heating hot top of ingots of killed steel and riser for large steel castings are described. The following participated in the work: Engineers C.V. Sviridov, V.M. Maksimov, P.I. Mel'nikov, A.V. Rabichev, V.I. Tvirov, I.I. Fomin, A.I. Filatova and laboratory assistants I.P. Zabotkin, I.D. Ob'edkov and others. The usual works' practice was to team 75-ton open hearth heats into 84 to 90 moulds (0.8 ton). Bottom pouring of ingots placed on 12 ingot stools with filling sinkheads with bunkerite was used. Cropped head for carbon steel was 13 - 13.5% and for some low alloy steels 15-16%. Ingot dimensions: top 330 x 330 mm, bottom 275 x 275 mm, height 1 085 mm. The use of the following substances for heating hot tops was tested: 75% ferro-silicon (crushed to -2 mm) 5 - 6 kg per ingot with a supply of oxygen (2 - 3 min) and 6 mixtures of ferro-silicon, aluminium, sodium nitrate, chamotte powder and silico-calcium in various proportions and combinations. The composition of mixtures numbered

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Raising the Yield of Metal by Using Hot Ingot Tops.

1 - 6 is given. The structure of the ingot with heating top with ferro-silicon is shown in Fig.1, methods of sampling ingots in Fig.2, comparison of macrostructure of longitudinal templets of ingots (Al2 steel) with heating sinkhead with lungerite and mixture 5 in Fig.3. Gas content in various parts of an ingot cast with intensive heating of the sinkhead and chemical composition of samples from longitudinal templets of ingots heated with lungerite and mixture 15 are given in Tables 1 and 2, respectively. As the next step in saving metal, the shape of sinkhead was modified (Fig.4) and the insulation of hot tops improved (Fig.5). It is concluded that the use of intensive heating of hot tops of large ingots and large shaped castings by combustion of 75% ferro-silicon in a stream of oxygen improves the quality of ingots and castings and gives an economy of metal from 4 to 15%. The method of heating hot tops of ingots not larger than 1 ton using mixture No.5, (70% of 75% ferro-silicon, 20% of sodium nitrate, 10% chamotte powder) for ingots stripped with clamps and mixture No.6 (70% of 75% ferro-silicon, 20% sodium nitrate and 10% silico-calcium) for ingots and medium shaped casting for which clamps are not used, also improves the quality of ingots and castings and gives an economy of metal from Card2/32.5% for ingots to 15% for castings. Considering that the work

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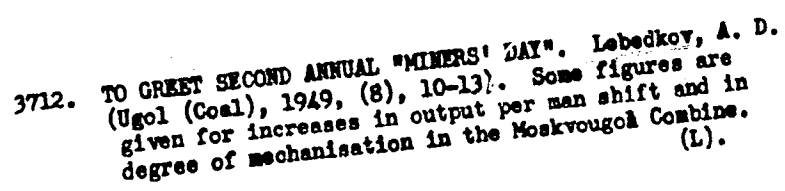
Raising the Yield of Metal by Using Hot Ingot Tops.

was carried out with 800 kg ingots, application of the above heating method for larger ingots should be additionally checked. During 9 months of operating according to the new practice crop ends were decreased by 2.3% and defects due to microstructure to 0.21% instead of the previous figure of 0.50%. There are 5 figures and 2 tables.

ASSOCIATION: Serp i Molot Works (Zavod "Serp i Molot")

AVAILABLE: Library of Congress.

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Lebedkov, A.D.

2178. DEVELOPMENT OF (U.S.S.R.) COAL FIELDS IN 10 YEARS AND PROSPECTS
FOR THEIR FUTURE DEVELOPMENT. Krasnitsynskii, G.V., Kosharin, V.G., Subbotin,
A.A., Onike, D.D. and Lebedkov, A.D. Ugol (Coal, Moscow), Nov. 1957, 6-70.
The history and prospects of Donbass, Kuzbass, Moscow, Karaganda and Central
Asia coal fields are reviewed in five articles by the five authors. (U).

LEBEDKOV, A.D.

LEBEDKOV, A.D., geroy sotsialisticheskogo truda.

Deposits in Central Asia. Ugol' 32 no.11:27-30 N '57. (MIRA 10:12)

1. Nachal'nik kombinata Uzbekugol'.
(Soviet Central Asia—Coal mines and mining)

LEBEDKOVA, A.A., inzh.

Improving dumping operations in open pits. Izv.vys.ucheb.zav.;
gor.zhur. 5 no.2:12-17 '62. (MIRA 15:4)

1. Akademiya nauk Uzbekskoy SSR. Rekomendovana tekhnicheskim
soveshchaniyem Gornogo otdela AN UzSSR.
(Conveying machinery) (Excavating machinery)

LEBEDKOVA, A. A.; IBRAIMOV, M. I.

Evaluating factors affecting the stability of dump piles of
operating pits. Izv. AN UzSSR. Ser. tekhn. nauk 6 no. 5:72-78
'62. (MIRA 15:10)

1. Gornyy otdel AN UzSSR.

(Mining engineering)

LEBEDKOVA, A.A., gornyy inzh.

Ways of developing dump operations and classification of layouts
of spoil disposal by conveyor. Nauch. trudy Mosk. inst. radicelek.
i gor. elektromekh. no.46:185-191 '62. (MIRA 17:1)

IBRAIMOV, M.I.; LEBEDKOVA, A.A.

Prospects for the mining of refractory materials in the Angren Valley.
Ogneupory 28 no.3:112-114 '63. (MIRA 16:2)

1. AN Uzekskoy SSR.
(Angren Valley—Ore deposits) (Refractory materials)

RZHEVSKIY, Vladimir Vasil'yevich, prof., doktor tekhn. nauk;
ISTOMIN, Viktor Vladimirovich, gornyy inzh.;
YAMSHCHIKOV, Valeriy Sergeyevich, gornyy inzh.; Pri-
nimali uchastiye: YASTREBINSKIY, M.A., gornyy inzh.;
LEBEDKOVA, A.A., gornyy inzh.; OVCHINNIKOV, V.A.,
gornyy inzh.

[Technology and the overall mechanization of the open
pit mining of coal, ore, and rock products] Tekhnolo-
giia i kompleksnaia mekhanizatsiia otkrytoi dobychi
uglia, rud i nerudnykh iskopaemykh. Moskva, Mosk. in-t
radioelektroniki i gornoj elektromekhaniki. No.6. Pt.1.
1963. 151 p. (MIRA 17:8)

LEBEDNIKAS, B.I. [Lebednykas, B.]; MOICHADSKIY, A.M. [Molcadskis, A.];
MATULIS, Yu.Yu. [Matulis, J.]; VISOMIRSKIS, R.M. [Visomirskis, R.]

Influence of some factors on cathode processes during the
electrodeposition of silver from cyanide electrolytes. Trudy
AN Lit. SSR. Ser. B. no.2:13-24 '65. (MIRA 19:2)

1. Institut khimii i khimicheskoy tekhnologii AN Litovskoy SSR.
Submitted October 30, 1964.

SOPOVA, A.S.; PEREKALIN, V.V.; LEBEDNOVA, V.M.

Interaction of 1-bromo-1-nitro-1-pentene and β -bromo- β -nitrostyrene
with active cyclic methylene components. Zhur'ob.khim. 33. no.7:
2143-2145 J1 '63. (MIRA 16:8)

1. Leningradskiy pedagogicheskiy institut imeni A.I.Gertsena.
(Pentene) (Styrene) (Methylene group)

SOPOVA, A.S.; PEREKALIN, V.V.; LEBEDNOVA, V.M.

Interaction of α -(p-nitrophenyl)- β -bromo- β -nitroethylene
with some active cyclic methine and methylene components. Zhur.
ob. khim. 34 no.8:2638-2641 Ag '64. (MIRA 17:9)

1. Leningradskiy gosudarstvennyy pedagogicheskiy institut im.
Gertsena.

LEBEDOVSKIY, Estislav Stepanovich, inzh.; VAKHRAMEYEV, G.S., inzh.,
red.; GRIGORIYEVA, I.S., red. izd-va; BELOGUROVA, I.A.,
tekhn. red.

[Mechanizing the packing of transformers with laminar iron]
Mekhanizatsiia nabivki transformatorov plastinchatym zhele-
zom. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-
tekhnicheskoi propagandy. Obmen poredovym opytom. Seriia: Me-
khanicheskaiia obrabotka metalla, no.22) (MIRA 15:11)
(Electric transformers) (Electric equipment industry)

LEBEDOVSKIY, Mstislav Stepanovich; LYAKHOVSKIY, L.M., inzh., red.;
FREGER, D.P., red.izd-va; GVIRTS, V.L., tekhn. red.

[Construction of vibrating hopper feeders] Konstruirovaniye
vybratsionnykh bunkernykh pitatelei. Leningrad, 1963. 20 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen
peredovym opytom. Seriya: Mekhanicheskaya obrabotka metallov,
no.3) (MIRA 16:5)

(Metalwork--Equipment and supplies)
(Feed mechanisms)

LEBEDOVSKIY, Mstislav Stepanovich; LYAKHOVSKIY, L.M., inzh., red.;
FREGER, D.P., red.izd-va; GVIRTS, V.L., tekhn. red.

[Design of vibrating hopper feed mechanisms] Konstruirova-
nie vibratsionnykh bunkernykh pitatelei. Leningrad, 1963.
20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy.
Obmen peredovym opytom. Seriya: Mekhanicheskaya obrabotka
metallov, no.3) (MIRA 16:8)
(Feed mechanisms--Design and construction)

BATSANOV, B.T.[translator]; GERTSOVICH, G.B.[translator]; ROZOVSKIY,
L.Ya.[translator]; BRODSKIY, Ye.A., red.; LEBEDINSKAYA, L.N.,
red.; DZHATIYEVA, F.Kh., tekhn. red.

[National economy of the German Democratic Republic; 15
years of peaceful development] Narodnoe khoziaistvo GDR; 15
let mirnogo razvitiia. Moskva, Izd-vo inostr. lit-ry, 1961.
509 p. Translated from the German. (MIRA 15:3)
(Germany, East--Economic conditions)

BENETSKIY, Mark Mikhaylovich; LEBEDOVSKIY, M.S., red.

[Devices for conveying and accumulating parts in automatic lines] Ustroistva dlia transportirovki i nakaplivaniia detalci v avtomaticheskikh liniyakh. Leningrad, 1964. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen-peregovym opytom. Seriya: Mekhanicheskaya obrabotka metallov, no.2) (EIRA 17:7)

LEBEDUSHKINA, S.B. (1963)

GIL'MAN, I.S.; ROGOVIN, Z.A.; AKSENOVA, T.A.; Prinsipala uchastiye;
S.B.

Osmometric study of the degradation of fluorine-containing polymers.
Vysokom.soed. 5 no.9:1422-1424 S '63. (MIRA 17:1)

1. Moskovskiy tekstil'nyy institut.

GIL'MAN, I.S.; LEBEDUSHKINA, S.V.

Determination of the polydispersity and molecular weight of a fluorine-
containing polymer. Khim.volok no.6:28-30 '63. (MIRA 17:1)

1. Moskovskiy tekstil'nyy institut.

LEBEDYANSKAYA, A.P., kand.istoricheskikh nauk

"Kronwerk" of the Peter Paul Fortress; its history and
present-day state. Sbor.dokl.Voen.ist.sek no.3:79-89
'60. (MIRA 15:9)

(Leningrad--Military museums)
(Fortifications, Old)

KUZ'MIN, S.I., kand.tekhn.nauk; LEBEDYANSKAYA, N.D., kand.tekhn.nauk;
ZAYTSEV, A.N., inzh.

Explosive forming of sheet materials. Izv.vys.ucheb.zav.; mashinostr.
no.7:87-95 '60. (MIRA 13:11)

1. Khar'kovskiy aviatsionnyy institut.
(Sheet-metal work)

GENKIN, Semen Isaakovich; LEBEDYANSKAYA, Natal'ya Dmitriyevna; NOVAK,
D.A., red.; YAKOVLEVA, N.A., tekhn. red.

[Pressurization of modern airplanes] Germetizatsiia sovremennykh
samoletov. Moskva, Voenizdat, 1962. 108 p. (MIRA 16:1)
(Airplanes--Pressurization)

LEBEDYANSKAYA, N.D.; FILATOV, K.G.

Measurement of gaps in precision couplings. Izv. tekhn. no.3:
17-19 Mr '64 (MIRA 17:8)

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ENP(r)/ENT(1)/EWA(g)/ENT(m)/FS(b)/BDS/ES(v)--AFFTC/AEDC/SSD--

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Genkin, Semen Isaakovich, Candidate of Technical Sciences, and
Natal'ya Dmitriyevna Lebedyanskaya, Candidate of Technical Sciences

Germetizatsiya sovremennykh samoletov (Hermetic Sealing of Modern
Airplanes) Moscow, Voenizdat, 1962. 108 p. 8000 copies printed.

Ed.: D. A. Novak; Tech. Ed.: N. A. Yakovleva.

PURPOSE: This manual is intended for technical, engineering, and
flight personnel in the Air Force, Civil Air Fleet, and DOSAAF.
It may also be used by students in schools of aviation technology.

COVERAGE: This book describes the methods and materials used in her-
metic sealing of modern airplanes: airtight sectional and single-
unit joints, airtight cockpits, and integral structural sections
used for fuel supply. There are 23 references, all Soviet, in-
cluding 4 translations.

Card 1/3

LEBEDYANSKAYA, N.I.

USSR.

Investigation of the phase composition of austenitic
steels by the method of surface oxidation. N. A. Reshet
Epa and N. I. Lebedyanskaya. *Pis'ma. Izdateniya*
Metallurg. Sverdlovsk. 1953, 139-47;
Referat. Zhur. Khim. 1954, No. 11519. - Review of physico-
chem. methods of phase analysis and of methods of surface
oxidation. Phase compos. of several steels were studied
by these methods. The method not only revealed the phase
compos. but also phase changes induced by heat treatment.
Methods of surface oxidation and use of color photomicrography
are described. M. Kisch

137-58-2-3937

LEBEDYANSKAYA, N. I.

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 237 (USSR)

AUTHOR: Yeremin, N. I., Lebedyanskaya, N. I.

TITLE: An Investigation of the $\gamma \rightarrow \delta$ and $\delta \rightarrow \sigma$ Phase Transformations by Magnetic Analysis of Microstructure (Issledvoaniye fazovykh prevrashcheniy $\gamma \rightarrow \delta$ i $\delta \rightarrow \sigma$ magnitnym mikrostrukturnym metodom)

PERIODICAL: V sb.: Fiz. -khim. issled. austenitn. splavov. Moscow, Mashgiz, 1957, pp 75-86

ABSTRACT: Magnetic analysis of microstructure (magnetic particle inspection) was employed to study the conditions of formation of the δ phase and its connection with the σ phase in austenitic grade 19-9, 25-10, 18-8-5, and 20-10-3 Cr-Ni steels. It was established that the temperature of formation of the δ phase is not identical in the various steels, as resistance to formation of the δ phase increases with diminishing Cr:Ni ratio. The rate of formation of the δ phase is significantly dependent upon the holding time in hardening. The σ phase is an intermetallic compound with a tetragonal lattice. The rate of formation of the σ phase in the δ phase is signifi-

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An Investigation of the (cont.)

cantly dependent upon the rate of diffusion of Cr in the δ phase. The rate of transition of $\delta \rightarrow \sigma$ at first is very rapid, but then it slows down, so that even for exceedingly long holding periods (up to 6000 hours), the δ phase does not completely transform into the σ phase. Measurements of micro-hardness have shown that formation of the σ phase induces a considerable increase in brittleness. The phase composition of the steel was monitored by x-ray analysis of the structure and by chemical etching. It is shown that magnetic determination of the microstructure is less complex than x-ray and metallographic methods.

V. R.

1. Stainless steel--Phase transitions--Magnetic analysis
 2. Austenitic steels
- Phase transitions--Magnetic analysis

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137-58-2-3939

LEBEDYANSKAYA, N.I.
Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 237 (USSR)

AUTHORS: Yeremin, N.I., Lashko, N.F., Lebedyanskaya, N.I.

TITLE: Phase Transformations in Austenitic Steels During Plastic Deformation (Fazovyie prevrashcheniya v austenitnykh stalyakh, proizkhodyashchiye pri plasticheskoy deformatsii)

PERIODICAL: V sb.: Fiz.-khim. issled. austenit. splavov. Moscow, Mashgiz, 1957, pp 91-106

ABSTRACT: Magnetic microanalysis was employed to investigate phase transformation occurring during cold plastic deformation in the following austenitic steels: EI505, 1Kh19N9T, EI434, 4Kh74N14V2M, 19-9, EM405, EI407, Kh18N11B, 16-33-3, EI388. It is shown that softening occurring on deformation facilitates the $\gamma \rightarrow \alpha_2$ transition. Phase stresses are particularly great in the case of precipitation of the α_2 phase along the boundaries of highly deformed grains. The process of slip is accompanied by lattice distortion, and shear stress results in viscous slip along the grain boundaries. Decomposition of γ with formation of α_2 on the grain boundaries occurs only in instances of slow deformation. In the event of signifi-

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Phase Transformations in Austenitic Steels During Plastic (cont.)

cant deformation, the $\gamma \rightarrow \alpha_2$ transition appears along the boundaries of twins. The rate of transition increases rapidly as temperature drops, and precipitation of the α_2 phase results in hardening. The $\gamma \rightarrow \alpha_2$ transition is reversible. The temperature interval of reversible transition is below the temperature of crystallization. Ni, Cr, Mn, Mo, and C stimulate formation of an α_2 phase to different degrees. The solid γ solution becomes less stable on precipitation of a carbide phase $(Me, Cr)_{23}C_6$ during aging. Metallographic and x-ray analysis of structure yielded concordant results.

Bibliography: 18 references.

V. R.

1. Austenitic steels—Phase transitions—Effects of deformation
2. Austenitic steels—Deformation
3. Austenitic steels—Phase transitions—Magnetic analysis

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LEBEDYANSKAYA, N.I.

137-58-2-3943

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 238 (USSR)

AUTHORS: Yeremin, N.N., Lashko, N.F., Lebedyanskaya, N.I.

TITLE: Phase Transformations in EI572 Steel During Forging (Fazovyie izmeneniya v stali EI572 pri kovke)

PERIODICAL: V sb.: Fiz.-khim. issled. austenit. splavov. Moscow, Mashgiz, 1957, pp 137-159

ABSTRACT: The changes in the phase composition of EI572 austenitic steel (19% Cr, 9% Ni, 0.26-0.36% C) were investigated with the object of determining optimum conditions for heating and cooling after forging. The processes of formation and change in δ ferrite, ferrite in the vicinity of the carbide phase, and ferrite arising as a result of plastic deformation, were also studied. Separation of the carbide phases was performed by making use of the selective solubility of carbides of the Mo_{23}C_6 type in hot HCl. The type of carbide was determined by x-ray structural analysis. Ferromagnetic phases were identified by magnetic analysis of the microstructure. It was shown that δ ferrite develops as a result of nonhomogeneous dendritic crystallization; its amount may be reduced by homo-

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Phase Transformations in EI572 Steel During Forging

generation at 1250°. To avoid formation of δ ferrite, the final stage of heating and forging of the bars should be conducted at a temperature $\leq$ 1150°. The major ferrite formers are C, Cr, Mo, and Ti. The maximum amount of metastable α ferrite is formed on slow cooling to 850° and depends upon the rate of diffusion of the alloying elements around the carbide inclusions. The change in the structure of the steel in the process of aging at 650° is attributable to the formation and growth of carbides of the Mo_{23}C_6 type. EI572 steel becomes less stable in the course of the aging process and acquires a tendency to formation of α ferrite. Aging of the steel consists of the precipitation of a carbide phase $(\text{Nb, Ti})\text{C}$ and $(\text{Cr, Ni, Fe, Mo, W})_{23}\text{C}_6$, and sometimes due to formation of a σ phase of the $(\text{Cr, Mo})\text{Fe}$ type.

V. R.

1. Steel--Transformations--Effects of forging
2. Steel--Deformation

Card 2/2

LEBEDYANSKAYA, N.I.

YEREMIN, N.I., kand.fiziko-matemat.nauk; LEBEDYANSKAYA, N.I., inzh.

Investigation of gamma-delta and sigma-delta phase transformations
by the magnetic microstructure method. [Trudy] TSNIITMASH 84:75-86 '57
(MIRA 10:11)

(Steel--Metallography)

LEBEDYANSKAYA, N.I.

YEREMIN, N.I., kand.fiziko-matemat.nauk; LASHKO, N.F., kand.tekhn.nauk;
LEBEDYANSKAYA, N.I., inzh.

Phase transformations in EI572 steel during forging. [Trudy]
TSNIITMASH 84:137-159 '57. (MIRA 10:11)
(Steel--Metallography)

LEBEDYANSKAYA, Z.P.

132-56-2-11/17

AUTHORS: Burtsev, M.P., Lebedyanskaya, Z.P.

TITLE: The Problem of Water Inflow into New Pits of the Podmoskov'ye Coal Basin (K voprosu opredeleniya pritoka vody v novyye shakhty Podmoskovnogo ugol'nogo basseyna)

PERIODICAL: Razvedka i Okhrana Nedr, 1958, Nr 2, pp 47-52 (USSR)

ABSTRACT: A preliminary calculation of the magnitude of water inflow in new pits in the Podmoskov'ye coal basin determined the number and the capacity of pumps to be installed, reservoirs to be prepared, and the costs of all necessary installations. These incorrect calculations will cause much extra expense. The authors propose some changes in the formulae used for such calculations (devised by S.V. Troyanskiy). These changes are described in detail. There are 2 graphs and 3 tables.

ASSOCIATION: VUGI

Card 1/1 1. Water-Control systems

LEBEDYANSKAYA, Z.P., inzh.

Draining the Stoylenskoye deposit in the Kursk Magnetic Anomaly.
Nauch. soob. IGD 15:90-98 '62. (MIRA 17:2)

GAZIZOV, M.S., kand. geol.-miner. nauk; LEBEDYANSKAYA, Z.P., inzh.;
 UNKOVSKAYA, N.F., inzh.; KOSTENKO, V.I., inzh.; PROZOROV, L.B.,
 kand. tekhn.nauk; BESPALOV, P.M., inzh.; KRAVCHUK, S.V., inzh.;
 KRUPKIN, L.V., inzh.; KRUPKIN, L.V., inzh.; BEZPALOVA, S.I., inzh.;
 SHCHERBATENKO, A.P., inzh.; KOROTKOV, G.V., kand. geol.-mineral.
 nauk, retsenzent; VASIL'YEV, P.V., doktor geol.-mineral. nauk;
 retsenzent; SHEVYAKOV, L.D., akad., otv.red.; MAN'KOVSKIY, G.I., otv.red.;
 STOLYAROV, A.G., red.izd-va; GUSEVA, A.P., tekhn.red.; RYLINA, Yu.V., tekhn.
 red.

[Experience in lowering the water table in mineral deposits under
 complex hydrogeological conditions] Opyt vodoponizheniya na
 mestorozhdeniyakh poleznykh iskopaemykh so slozhnymi gidrogeolo-
 gicheskimi usloviyami. Moskva, Izd-vo Akad. nauk SSSR, 1963.
 411 p. (MIRA 16:5)

1. Akademiya nauk SSSR. Institut gornogo dela. 2. Chlen-
 korrespondent Akademii nauk SSSR zaveduyushchiy Laboratoriyey
 spetsial'nykh sposobov prokhodki gornyykh vyrabotok i vodoponi-
 zheniya Nauchno-issledovatel'skogo instituta Kurskoy magnitnoy
 anomalii (for Man'kovskiy).

(Water, Underground) (Ore deposits)

LEBEDYANSKAYA, Z.P., inzh. LYAMIN, V.I., red.

[Calculating intrushe of water into strip mines by the
electrohydrodynamic analogy method; manual on methods]
Raschet pritokov vody v kar'ey metodom elektrogidro-
dinamicheskikh analogii; metodicheskoe posobie. Moskva,
In-t gornogo dela, 1964. 22 p. (MIRA 18:1)

LEBEDYANSKAYA, Z.P., kand.tekhn.nauk

Methods of predicting the inflow of water in strip mines. Shakht.stroi.
9 no.5:13-16 My '65. (MIRA 18:6)

1. Institut gornogo dela im. A.A.Skochinskogo.

LEBEDYANSKAYA, Z.P., kand. tekhn. nauk; YERSHOV, N.N., kand. tekhn. nauk;
GOL'BERG, V.N., inzh.

Use the regional principle of drainage in mine building. Shakht.
stroi. 9 no.10:6-8 0 '65. (MIRA 18:9)

LEBEDYANSKIY, A.A.

Induction heating of bearing races with currents of higher frequency before
rolling (experiment IGPZ). Podshipnik no.5:19-23 My '53. (MLRA 6:5)
(Bearings (Machinery)) (Induction
heating)

LEBEDYANSKIY, A.A., inzhener.

Induction heating of bearing ring blanks with high frequency currents.
Prom. energ. 12 no.4:12-15 Ap '57. (MLRA 10:5)

1. I Gosudarstvennyy podshipnikovyy zavod.
(Induction heating)

LEBEDYANSKIY, A.A.; TARUNIN, V.F.; FROLKIN, F.F.; BARYSHEV, Yu.D.;
GUR'YEV, O.V.

New method of heating piston rings before high-frequency hardening;
submitted by A.A. Lebedianskii and others. Prom. energ. 13 no.5:17
My '58. (MIRA 11:8)

(Electric heating) (Piston rings)

ZABULONOV, M.S.; GLEZER, L.S.; SHCHERBININ, A.V., inzh.-tekhnolog;
LITVAK, L.K.; GENIS, B.M.; KALEDIN, M.V.; ORLOV, V.A.;
LEBEDYANSKIY, A.A.; CHASOVNIKOV, G.V.

Innovators of the First Bearing Plant have the floor. NTO 5
no.3:8-12 Mr '63. (MIRA 16:4)

1. Aktivist Nauchno-tekhnicheskogo obshchestva 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Zabulonov, Shcherbinin, Orlov). 2. Zamestitel' predsedatelya soveta novatorov 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Glezer). 3. Predsedatel' seksii kovki i shtampovki soveta Nauchno-tekhnicheskogo obshchestva 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Litvak). 4. Nachal'nik byuro tekhnicheskoy informatsii 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Genis). 5. Chlen Nauchno-tekhnicheskogo obshchestva, zamestitel' sekretarya partiynogo komiteta 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Kaledin). 6. Nachal'nik avtomaticheskogo tsekha No. 2 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Orlov). 7. Predsedatel' energeticheskoy seksii soveta Nauchno-tekhnicheskogo obshchestva 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Lebedyanskiy). 8. Zamestitel' predsedatelya zavodskogo soveta Nauchno-tekhnicheskogo obshchestva 1-go Gosudarstvennogo podshipnikovogo zavoda im. Kaganovicha (for Chasovnikov).
(Mdscoy--Bearing industry--Technological innovations)

LEBEDYANSKIY, L. S., laureat Stalinskoy premii

More on methods for further improvement of locomotives. Zhel.dor.
transp. no.9:28-32 S'47. (MIRA 8:12)

1. General-direktor tyagi 2-go ranga
(Locomotives)

UVAROV, V.V., prof., doktor tekhn.nauk; ~~LEBEDYANSKIY, I.S.~~ konstruktor;
OMIROV, V.S., inzh.; CHERNOBROVKIN, A.P., kand.tekhn.nauk, dots.;
SHARGOVSKIY, R.I., inzh.; SHEPILOV, V.P., inzh.

The 6,000 hp. gas turbine locomotive constructed by the Kolomna
Plant. Izv.vys.ucheb.zav.; mashinostr. no.6:104-108 '58.
(MIRA 12:8)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana
i Kolomenskiy teplovozostroitel'nyy zavod im. Kuybysheva.
(Gas turbine locomotives)

SOV/25-59-1-7/51

AUTHOR: Lebedyanskiy, L.S., Chief Designer of the Plant, Nayman,
A.M. and Khlebnikov, Yu.V., Engineers of the Plant

TITLE: Gas Turbines in Locomotives (Gazovaya turbina na lokomotive)

PERIODICAL: Nauka i zhizn', 1959, Nr 1, pp 12-13 (USSR)

ABSTRACT: The Kolomna Locomotive Building Plant imeni V.V. Kuybyshev
is developing the first Soviet gas turbine locomotive with
a capacity of 3,000 hp in one unit in which a single-shaft
gas turbine will operate with electric transmission. The
author gives a short description of this locomotive. There
are 2 photographs.

ASSOCIATION: Kolomenskiy teplovozostroitel'nyy zavod imeni V.V. Kuybyshe-
va (Kolomna Locomotive Building Plant imeni V.V. Kuybyshev)

Card 1/1

LIBDYANTSEV, N.V., assistant

Use of the energy of state of the filler material in pneumatic
filling of a developed space. Stor. nauch. trudi. Kemerovsk. inst.
no.5:196-207 '64. (MIRA 18:3)

1. Gorno-elektromekhanicheskii fakul'tet Kemerovskogo gornogo
instituta.

LEBEDYANTSEV, M.V., inzh.

Using the energy of the falling fill material during pneumatic filling of the worked-out area. Izv.vys.ucheb.zav.;gor.zhur. 7 no.7:125-132 '64. (MIRA 17:10)

1. Kemerovskiy gornyy institut. Rekomendovana kafedroy razrabotki mestorozhdeniy poleznykh iskopayemykh.

LEBEDYANTSEVA, N.P.

MINAYEV, A.F., inzhener; LEBEDYANTSEVA, N.P.

Improvement of blind passes used for profiled steel manufacture.
Stal' 15 no.2:146-149 F '55. (MLRA 8:5)

1. Stalinskiy metallurgicheskiy zavod.
(Rolling mill machinery)

KVASNIKOV, B.V., DOLGIKH, S.T., LEBEDYANTSEVA, O.N.

Carbon and nitrogen content of varieties of table peas and lima beans distinguishable by the difference in intensity of tubercle formation [with summary in English]. Mikrobiologiya 27 no.5:599-604 S-0 '58 (MIRA 11:12)

1. Nauchno-issledovatel'skiy institut ovoshchnogo khozyaystva, Moskva.
(LEGUMES)
(RHIZOSPHERE MICROBIOLOGY)

LEBEDYANTSEV, Aleksandr Nikandrovich, prof., doktor biolog.nauk, zaslu-
zhannyi deyatel' nauki i tekhniki [1878-1941]; ASKINAZI, D.L.;
ZHURBITSKIY, Z.I.; REMIZOV, S.A.; SAMOYLOVA, A.Ya.;
LEBEDYANTSEVA, O.N., red.; DOLGOPOLOV, M.I., red.; BALLOD, A.I.,
tekhn.red.

[Selected works] Izbrannye trudy. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1960. 567 p. (MIRA 14:1)
(Fertilizers and manures)

LEBED'YEV, G. A., and KUVSHINSKIY, E. V.

"Hecking of polymers on drawing," a paper presented at the 9th Congress on the Chemistry and Physics of High Polymers, 20 Jan-2 Feb 57, Moscow, Polymer Research Inst.

B-3,004,395

LEBEDYUK, G.K., inzh.

Theory of fuel leakage in the packing clearances of the fuel
pump plunger pairs of diesel engines. Trudy MIIT no.151:83-94
'62. (MIRA 16:2)

(Diesel engines--Fuel systems)

LEBEDYUK, G.K., inzh.

Design of the plunger pairs of diesel engine fuel pumps taking the accumulating properties of the packings into account. Trudy MIIT no.169:52-62 '63.

Distribution of pressures and leaks in the cam packing clearance of the slide valve part of the fuel pump plunger pairs of internal combustion engines. Ibid.:63-72

Selection and control of the delivery characteristics of nozzles. Ibid.:73-80 '63. (MIRA 17:6)

VASILEVSKAYA, Nina Ivanovna; LEBEDZ', Aleksandr Ivanovich; MATYUSHINA,
S.P., red.; TIKHONOVA, Ye.A., tekhn. red.

[Reading and composing radiograms in English] ~~Ch~~tenie i sostav-
lenie radiogramm na angliiskom iazyke. Moskva, Izd-vo "Morskoi
transport," 1962. 45 p. (MIRA 16:1)
(Radiotelegraph--Handbooks, manuals, etc.)

LEBEDZ', N.A. (Leningrad)

Cumulative author and subject indexes (continuation) to volumes
21-40 of the "Fiziologicheskii zhurnal SSSR." Fiziol.zhur. 45
no.3:330-338 '59. (MIRA 12:11)
(BIBLIOGRAPHY--PHYSIOLOGY)

MARKOWSKI, A.; MYCZKOWSKI, J.; LEBEK, J.

Preliminary investigations on changes in nitrogen compounds of wheat embryos in the course of germination under various temperature conditions. Bul Ac Pol biol 10 no.4:145-150 '62.

1. Department of Plant Physiology, College of Agriculture, Krakow and Institute of Plant Physiology, Krakow, Polish Academy of Sciences. Presented by A.Listowski.

*

LEBEK, Tadeusz, inz.; ZAWADA, Alojzy, mgr

Experiments in fixing new production indicators in iron metallurgy. Wiad hut 15 no.10:313-317 0 '64.

LEBEKHOV, P.I.

Chloroma of the orbit. Vest.oft. 72 no.4:50-53 J1-Ag '59. (MIRA 13:4)

1. Kafedra glaznykh bolezney Voenno-morskoy meditsinskoy akademii.
(LEUCOSARCOMA case reports)
(ORBIT neoplasms)

LEBEKHOV, P.I. (Leningrad)

The course of thermal burns of the cornea in radiation sickness
in rabbits. Vest.oft. 71 no.1:3-10 Ja-F '58. (MIRA 11:3)
(CORNEA, wounds and inj.
burns, eff. of x-irradiation in rabbits)
(ROENTGEN RAYS, eff.
on corneal burns in rabbits)
(BURNS, exper.
corneal, eff. of x-irradiation in rabbits)

17(10)

SOV/177-58-4-3/32

AUTHOR: Lebekhov, P.I., Lieutenant-Colonel of the Medical Corps

TITLE: On Burns of the Cornea in Experimental Radiation Disease
(Ob ozhogakh rogovoy obolochki pri eksperimental'noy
luchevoy bolezni)

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 4, pp 12-15 (USSR)

ABSTRACT: This article deals with investigating burn processes
in the tissues of the eye in radiation diseases of
different degrees. Experiments on 41 rabbits were
carried out with the aid of a device, designed according
to the principles of A.A. Smolyanov's thermoesthesio-
meter [Ref. 1]. About 2-3 days after radiation, most
of the animals reacted with noticeable clinical appea-
rances, such as adynamia, diarrhea, leukopenia, lympho-
penia and food refusal accompanied by a loss in weight.
Immediately after the eye had been burnt, and during the
following days, the same changes in the eyes of radiated

Card 1/2

SOV/177-58-4-3/32

On Burns of the Cornea in Experimental Radiation Disease

and control animals were observed. Two days later, epithelization started from the edges of the cornea defect and finished after 12 days, completely covering the defect. A secondary infection sharply changed the course of the burn process in both the radiated and the control animals. Based on his experiments, the author concluded that second-degree thermal burns of the cornea are frequently accompanied by a more serious secondary infection than in usual burns. In moderately-pronounced radiation disease, an infection in the burn's focus was as frequently observed as in control animals. In animals suffering from a first degree radiation disease, the involution of inflamed changes and the regeneration of the epithelium progressed even quicker than in control rabbits. There is 1 Soviet reference.

Card 2/2

LEBEKHOV, P.I.

Significance of ocular symptoms in the diagnosis of Hippel-
Lindau disease (multiple angioreticulomatosis). Vest. oft.
no. 6:41-44 '60. (MIRA 14:11)

1. Kafedra oftal'mologii (nach. -- prof. B.L. Polyak) i kafedra
neyrokhirurgii (nach. -- dotsent B.A. Samotokin) Voenno-meditsin-
skoy ordena Lenina akadmi imeni S.M. Kirova.
(ANGIOMATOSIS) (EYE)

LEBL, inz.

"Organic chemistry" by Ivan Ernest. Reviewed by Lebl. Nova
technika no. 10:480 0 '60.

LEBEL', L. D.

Lebel', L. D. - "Developing a new type of goat by crossing angora and Don hybrids",
Sbornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozovodstva),
Issue 16, 1948, p. 103-16.

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'mykh Statey, No. 7, 1949).

LEBEL', L. D.

Lebel', L. D. - "The development of downy Don goats", Sbornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozovodstva), Issue 16, 1948, p. 117-38, -
Bibliog: 14 items.

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

LEBEL', L. D., MISHAREV, S. S.,

Goats

Don Region goats and their significance in the quality of improving angora goat-breeding.
Sots. zhiv. 14 No. 5, 1952.

Monthly List of Russian Accessions. Library of Congress, Aug. 1952, Unclas.ified.

Q-3

USSR / Farm Animals. Sheep and Goats

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45226

Author : Lebel', L. D.

Inst : Not given

Title : The Raising of Down Wool Goats and Ways for Its Improvement

Orig Pub : Ovtsevodstvo, 1957, No. 8, 17-20

Abstract : The world's two best breeds of down wool goats, the Don and Orenburg breeds, are being raised in the USSR. The Don goats are characterized by a high production of down wool averaging 0.6 kg.), but have a somewhat coarser down wool than that of the Orenburg goats. Good results were obtained by the crossing of the Don bucks with the Kirghiz and Gorno-Altai female goats. The most valuable Orenburg goats are found in the Chkalov Oblast'. The down wool yield of bucks is 0.3 kg. and that of the female goats 0.22 kg. The crossing of the Don bucks with the Orenburg female goats

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Q-3

USSR / Farm Animals. Sheep and Goats

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45226

Abstract : brings about the increase of the down wool production but at the same time makes the down wool coarse. Such crossings are recommended only in regard to the female goats of the lower class. The new breed groups of the White and Grey down wool goats are being developed in the Uzbek SSR by the crossbreeding of the local female goats with the Angora bucks. It is recommended to make wider use of the crossing of the coarse-wool and demi-down wool female goats with the Don bucks.

Card 2/2

LEBEL, L.D.

GRAUDYN', N.I., kand. sel'skokhozyaystvennykh nauk, laureat Stalinskoy premii;
LEBEL', L.D., kand. sel'skokhozyaystvennykh nauk; TIMASHEV, I.Z.,
nauchnyy sotrudnik; OVCHINNIKOV, M.A., zootekhnik-boniter.

Splitting of fine-wool sheep breeds. Zhivotnovodstvo 20 no.3:63-68
Mr '58. (MIRA 11:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ovtsevodstva i
kozovodstva (for Timashev). 2. Direktor Zimovnikovskogo gosplan
rassadnika ovets Rostovskoy oblasti (for Ovchinnikov)
(Sheep breeds)

ZELENSKIY, G.G., kand.sel'skokhoz.nauk; KARAVAYEV, K.G.; LEBEL', L.D., kand.sel'skokhoz.nauk; MARGULIS, I.A.

New Soviet breed of wool goats, Zhivotnovodstvo 24 no.9:67-70 S '62.
(MIRA 15:12)

1. Direktor Leninabadskoy stantsii po iskusstvennomu osemeniyu sel'skokhozyystvennykh zhivotnykh (for Karayev). 2. Direktor Leninabadskogo gosucarstvennogo plemennogo rassadnika koz (for Margulis).

(Soviet Central Asia--Goat breeds)

LEBEL', L.M., ~~inzh. KNYAZHEVICH, M.G.~~ (Rumynskaya Narodnaya Respublika)

Testing joints of precast reinforced concrete slabs. Bet. 1 zhel.-bet.
no.2:82-85 F '59. (MIRA 12:3)
(Concrete slabs--Testing)

GOSHIN, S.A.; LEBEL', S.M.; FEMENKO, V.V.

An automatic line has been introduced. Mashinostroitel' no.2:6-7
F '61. (MIRA 14:2)

(Machinery, Automatic)

GOSHIN, S.A., inzh.; LEBEL', S.M., inzh.; FOMENKO, V.V., tekhn.

Semiautomatic machine for soldering cutter bits. Svar, proizv.
no.6:37-38 Je '61. (MIRA 14:6)

1. Krasnoluchskiy mashinostroitel'nyy zavod.
(Coal mining machinery--Welding)

LEBEL'ZON, L.E.; PARNES, D.I.

Extensive resection of the small intestine in volvulus. Zdra-
vookhranenie 3 no.3:62-63 My-Je '60. (MIRA 13:7)

1. Iz rayonnoy bol'nitsy sela Drokiya (glavnyy vrach N.V. Shev-
chenko).

(INTESTINES---OBSTRUCTIONS)

LEBEL'ZON, L.E.

Potentiated anesthesia. Zdravookhranenie 4 no.6:46-47 H-D '61.
(MIRA 15:2)

1. Iz khirurgicheskogo otdeleniya rayonnoy bol'nitsy pos. Drokiya
(glavnyy vrach N.V. Shevchenko).
(ANESTHESIA)

2
LEBENDZINSKI, Franciszek; MACKIEWICZ, Stefan

Observations on the effect of ACTH on viral hepatitis. Polskie
arch.med.wewn. 25 no.2:353-360 '55.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Poznaniu Kierownik:
prof. dr med. F Labendzinski. Poznan, ul. Szkolna 14/16 ; III
Klin.Chor.Wewn. A.M.

(HEPATITIS, INFECTIOUS, therapy,
ACTH)

(ACTH, therapeutic use,
hepatitis, infect.)

LABENDZINSKI, Franciszek

Acute leukemias. I. Analysis of 34 cases observed during 1945-54.
Polskie arch.med. wewn. 25 no.3:419-430 '55.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Poznaniu. Kierownik:
prof. dr med. F. Labendzinski.
(LEUKEMIA,
clin. analysis)

TSEPITSIN, A.; LEBENEV, M. A.; RYKOVA, O.

Stock and Stockbreeding

Rare cases of multiple births in farm animals. Sots. zhiv. 1st no. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

LEDENEV, Yu.N.; VAGIN, V.S.; YABLONENKO, P.I.

Calculating the frame bedplate of ~~2000-ton~~ crankshaft press.
Kuz.-shtam. proizv. 7 no.8:33-34 Ag '65. (MIRA 18:9)

LEBENGARTS, Z. YA.

Technology

(Manual on peltries and their processing) Moskva, Izd-vo TSentrosoiuza, 1950.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

LEBKENGARTS, Zinoviy Yakovlevich, kand.tekhn.nauk, dotsent; GOL'DFEL'D, I.L.,
red.; ALADOVA, Ye.I., tekhn.red.

[Semimanufactured fur goods and the technology of preparing furs]
Mekhovye polufabrikaty i tekhnologiya izgotovleniya mekhovykh
izdelii. Moskva, 1957. 247 p. (MIRA 10:12)
(Fur)

LEBENGARTS, Zel'man Yakovlevich; PETROVSKAYA, L.P., red.

[Raw material resources of the fur industry] Pushno-
mekhovoie syr'e. Moskva, Vysshaia shkola, 1964. 362 p.
(MIRA 17:5)

LEBENSKIY, A. V.

USSR/General Division - Congresses, Sessions. Conferences.

A-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 89 K.

Author : Lebenskiy, A.V., Editor.

Inst :

Title : Theses of the Sectional Reports Read at the All-Union Conference on Medical Radiology. Moscow, 1956.

Orig Pub : Gigiyen, sektsiya, 59 pp; Klinich, sektsiya 135 pp; sektsiya eksperin, radiologii 175 pp., M-vo zdravookhr, SSR, M., Mediz, 1956.

Abst : No abstract.

Card 1/1

LEBENSON, L. B.

14880* (Physics of the Crushing Process and Mechanics of Jaw Crushers.) O fizike protsessa drobleniia i o mekhanike shchekovykh drobilok. L. B. Levenson. Mekhanizatsiia Stroitelstva, v. 11, no. 1, Jan. 1954, p. 27-31. Critical review; recent hypothesis of T. I. Mukha. Diagrams.

I 7030-66 ENT(d)/EMP(v)/EMP(t)/EMP(k)/EMP(h)/EMP(b)/EMP(l)/EWA(c) JD/HW

ACC NR: AP5026826

SOURCE CODE: UR/0286/65/000/017/0110/0110

AUTHOR: Kashkadamov, V. P.; Krichever, S. S.; Lebenson, M. Ye.; Makarov, A. A.;
Sviridenko, S. Kh.; Fal'ba, N. I.

ORG: none

TITLE: A copy-miller for machining turbine vanes. Class 49, No. 174498

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 110

TOPIC TAGS: milling machine, turbine blade

ABSTRACT: This Author's Certificate introduces a copy-miller for machining turbine vanes. The milling heads are mounted on both sides of the workpiece and move in the transverse direction with respect to the table which carries the workpiece. The forces which twist the vane during machining are reduced by equipping the miller with a hydraulic servosystem which has pickups based on slide valves. The valves direct the stream of working fluid to the activating mechanism which rotates the pieces being machined and the master copy in such a way that the surface of the master copy in contact with the feelers will be normal to the line passing through the centers of curvature of the feelers for the copy pickups. The surface of the part being machined is turned so that it is normal to the line connecting the centers of the milling cutters.

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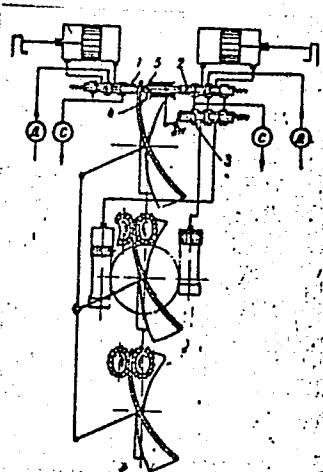


Fig. 1. 1-3--valves; 4 and 5--feeler rods

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